

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060921.D
 Acq On : 14 Apr 2020 00:21
 Operator : JC/MD
 Sample : L2205-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-04082020-A

Quant Time: Apr 14 08:14:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

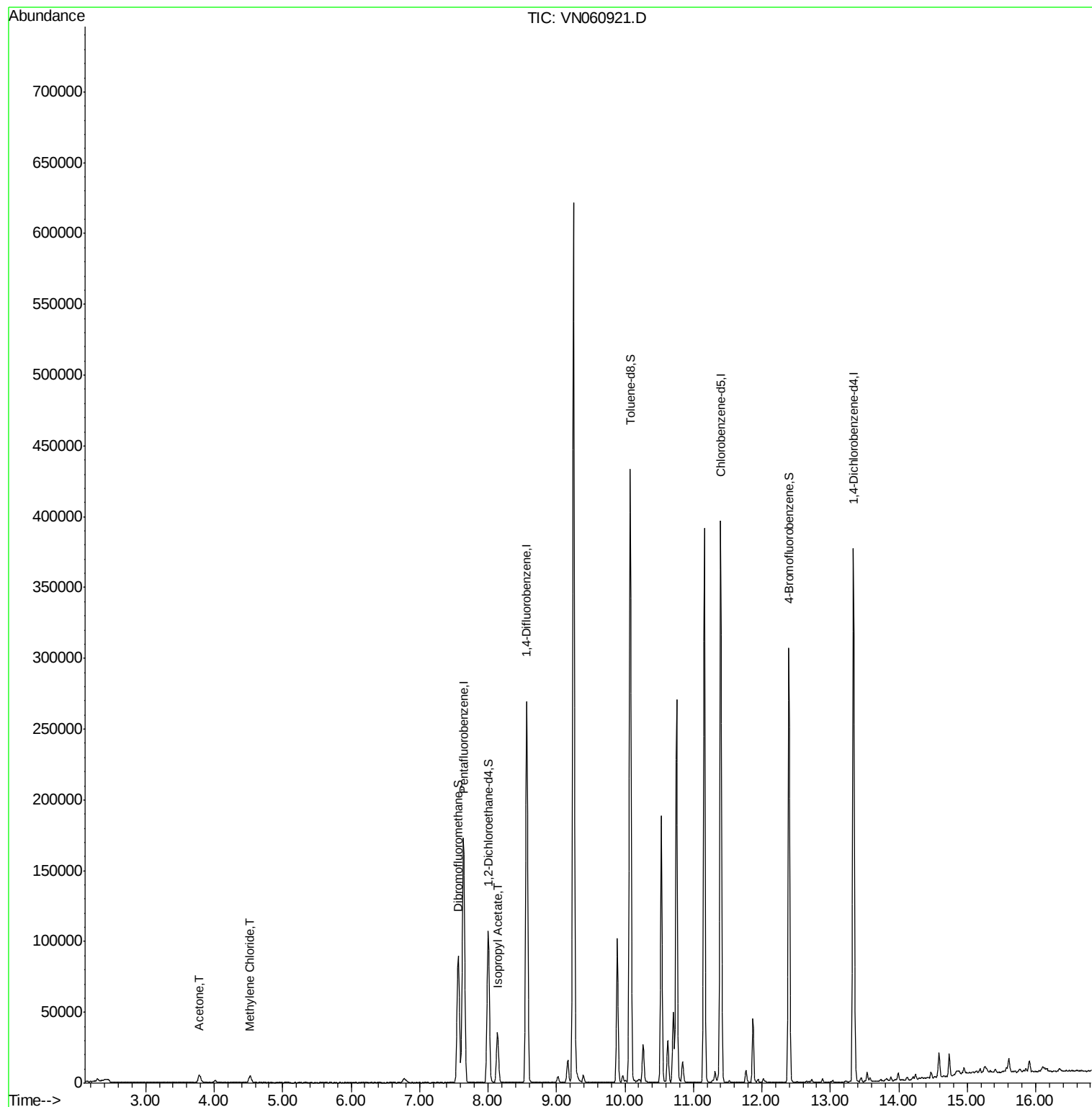
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	140890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	237300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	223088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	92139	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
35) Dibromofluoromethane	7.56	113	69975	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	10.08	98	294773	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.40	95	109588	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
Target Compounds						
16) Acetone	3.78	43	10511	15.342	ug/l	97
20) Methylene Chloride	4.52	84	3516	2.086	ug/l	94
43) Isopropyl Acetate	8.14	43	42991	10.499	ug/l #	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VN060921.D

Acq: 14 Apr 2020 00:21

Instrument :

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ClientSampleId :

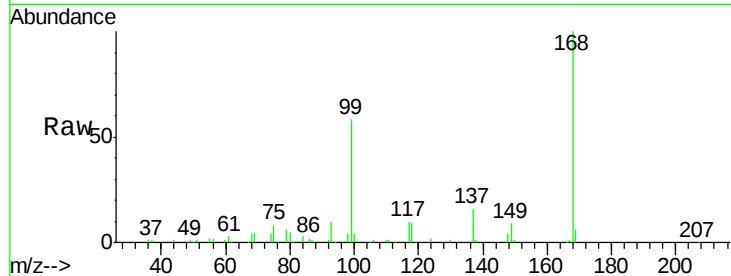
JC-02-04082020-A

Tot Ion:168 Resp: 140890

Ion Ratio Lower Upper

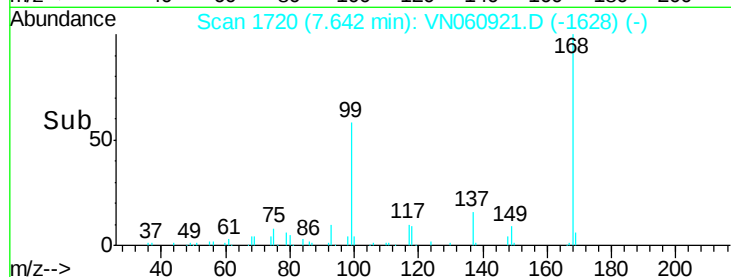
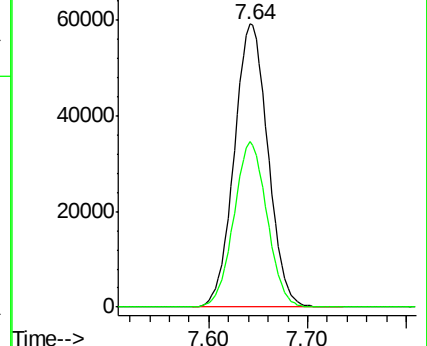
168 100

99 58.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 15.342 ug/l

RT: 3.78 min Scan# 519

Delta R.T. 0.00 min

Lab File: VN060921.D

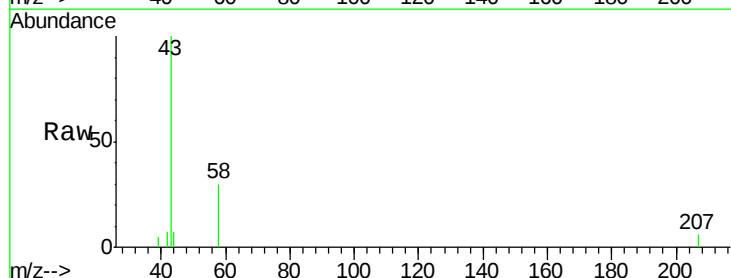
Acq: 14 Apr 2020 00:21

Tgt Ion: 43 Resp: 10511

Ion Ratio Lower Upper

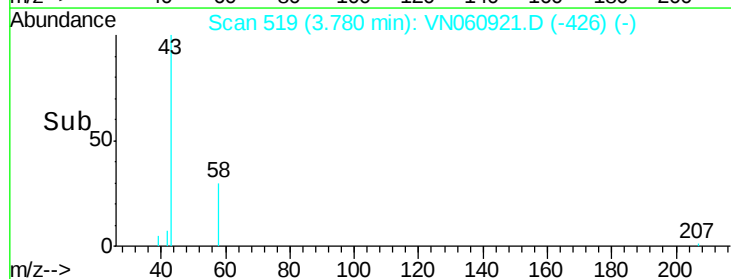
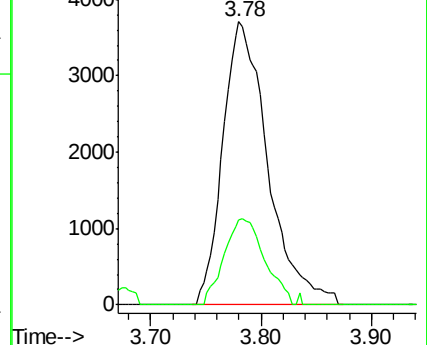
43 100

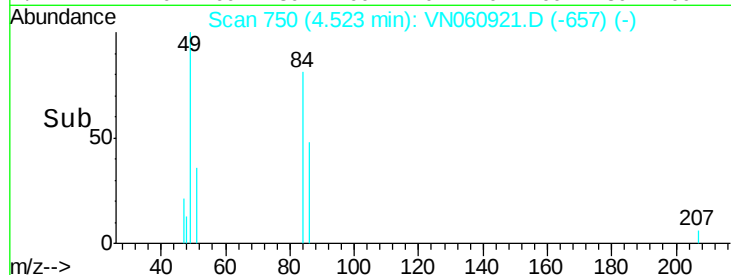
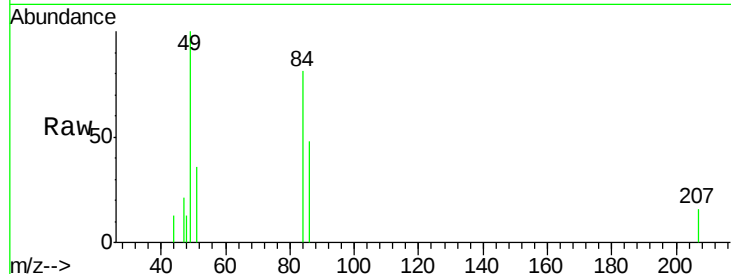
58 29.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

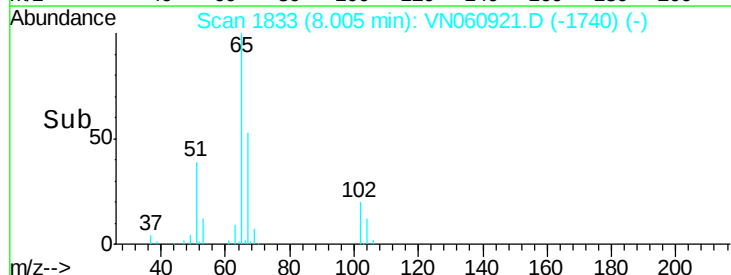
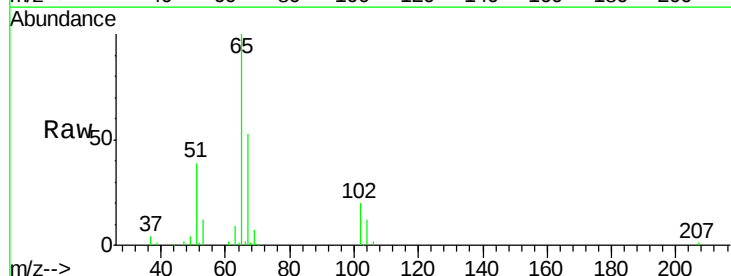
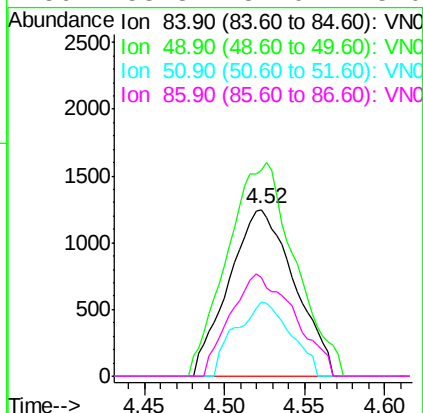




#20
Methvlene Chloride
Concen: 2.086 ug/l
RT: 4.52 min Scan# 750
Delta R.T. 0.00 min
Lab File: VN060921.D
Acq: 14 Apr 2020 00:21

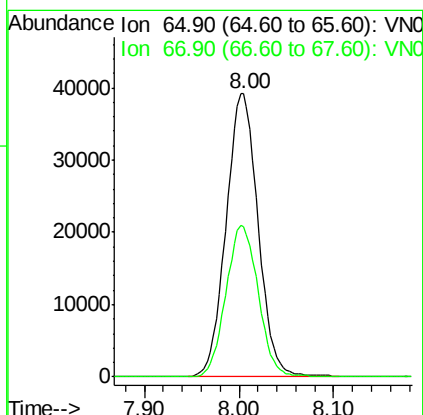
Instrument :
MSVOA_N
ClientSampleId :
JC-02-04082020-A

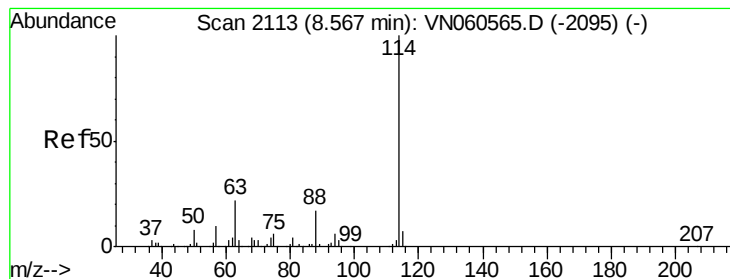
Tot Ion:	84	Resp:	3516
Ion	Ratio	Lower	Upper
84	100		
49	123.6	103.3	154.9
51	44.6	31.6	47.4
86	58.8	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 47.639 ug/l
RT: 8.00 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN060921.D
Acq: 14 Apr 2020 00:21

Tgt Ion:	65	Resp:	92139
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VN060921.D

Acq: 14 Apr 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-A

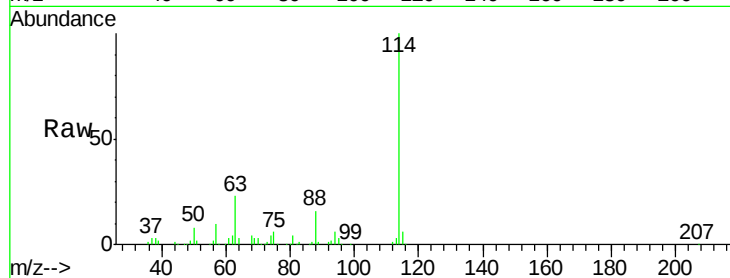
Tot Ion:114 Resp: 237300

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.8

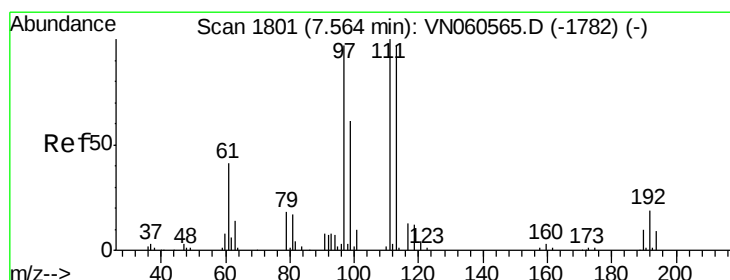
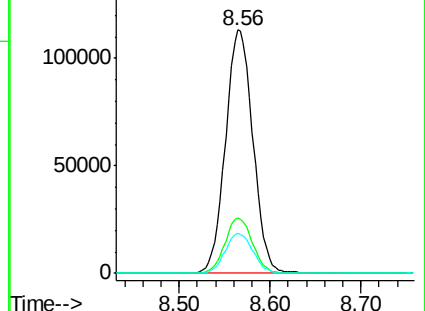
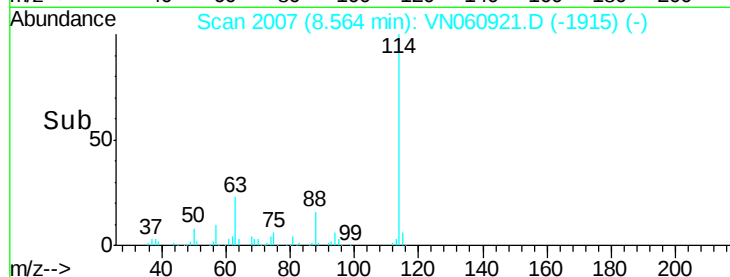
88 16.4 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.767 ug/l

RT: 7.56 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VN060921.D

Acq: 14 Apr 2020 00:21

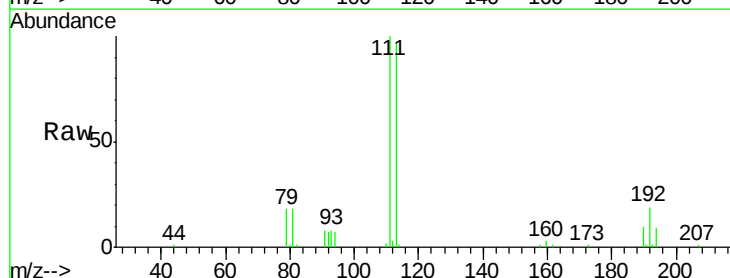
Tgt Ion:113 Resp: 69975

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

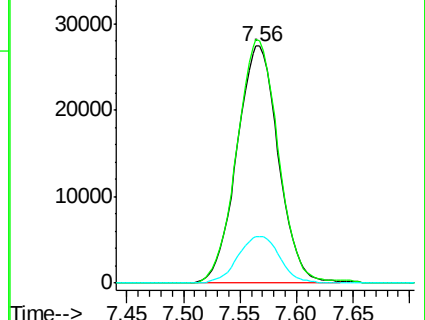
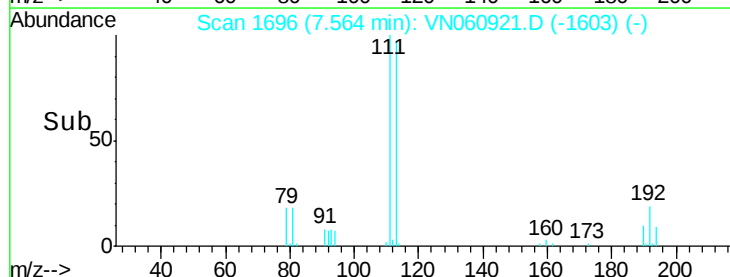
192 19.7 15.8 23.8

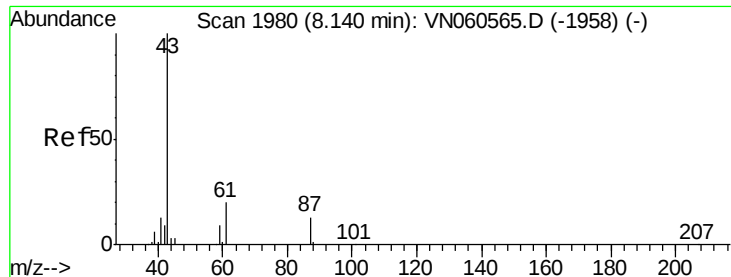


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.499 ug/l

RT: 8.14 min Scan# 1875

Delta R.T. 0.00 min

Lab File: VN060921.D

Acq: 14 Apr 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-A

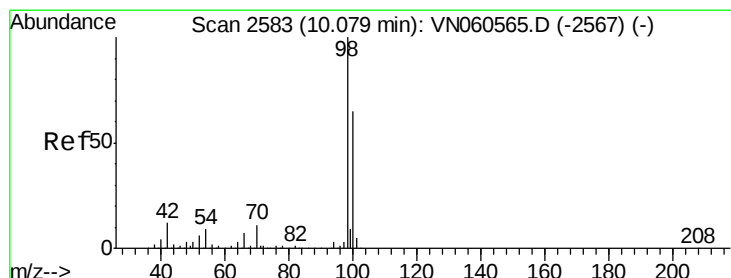
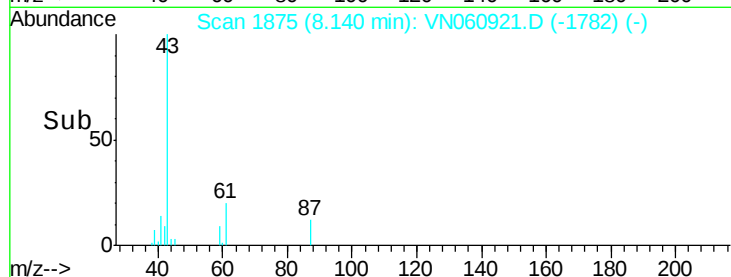
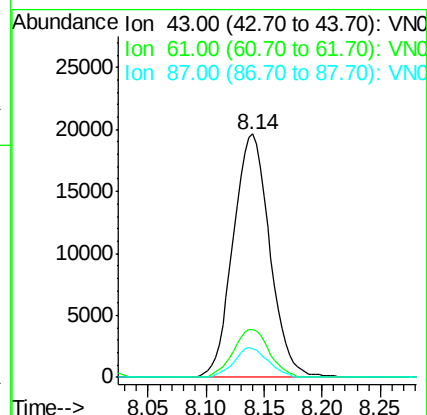
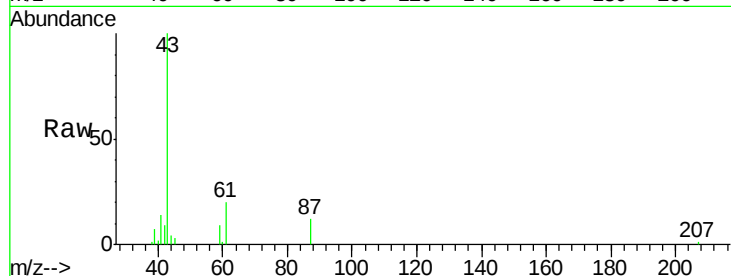
Tot Ion: 43 Resp: 42991

Ion Ratio Lower Upper

43 100

61 19.2 20.7 31.1#

87 11.3 9.8 14.8



#50

Toluene-d8

Concen: 50.295 ug/l

RT: 10.08 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VN060921.D

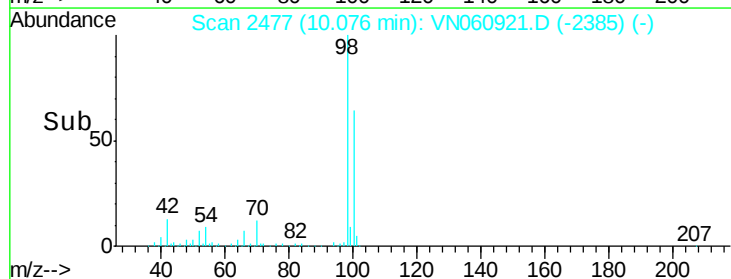
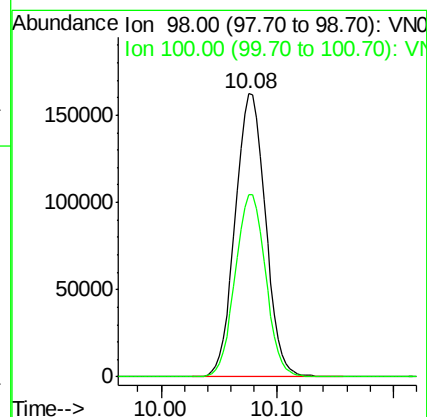
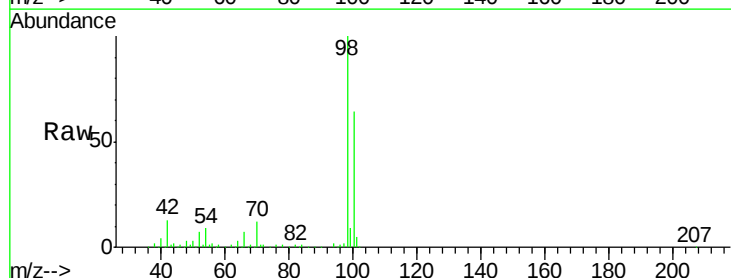
Acq: 14 Apr 2020 00:21

Tgt Ion: 98 Resp: 294773

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8

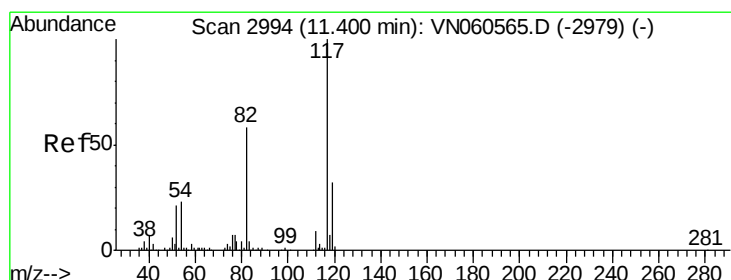
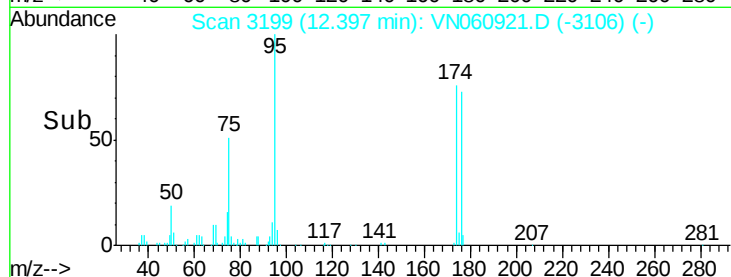
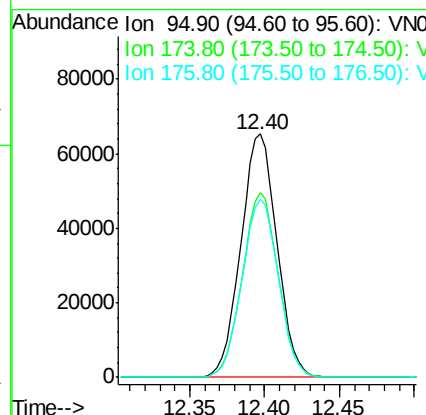
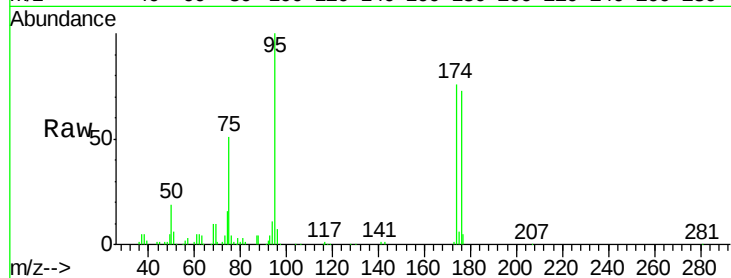




#62
4-Bromofluorobenzene
Concen: 51.020 ug/l
RT: 12.40 min Scan# 3199
Delta R.T. 0.00 min
Lab File: VN060921.D
Acq: 14 Apr 2020 00:21

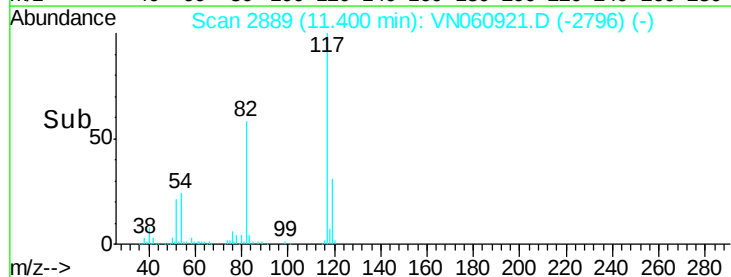
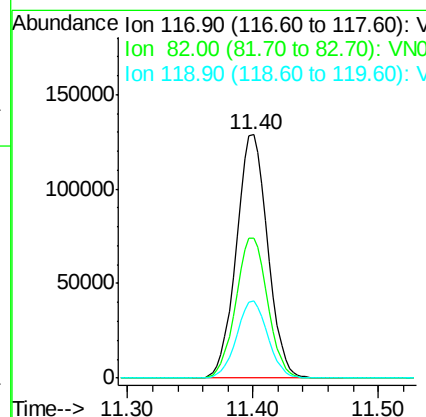
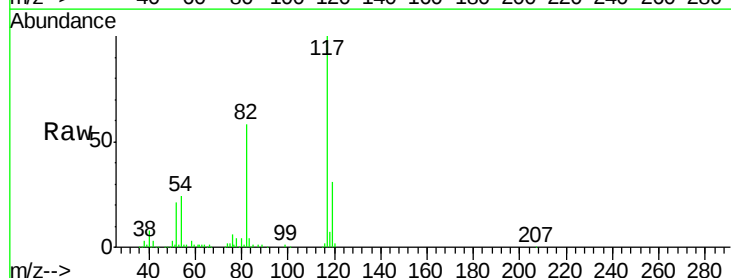
Instrument :
MSVOA_N
ClientSampleId :
JC-02-04082020-A

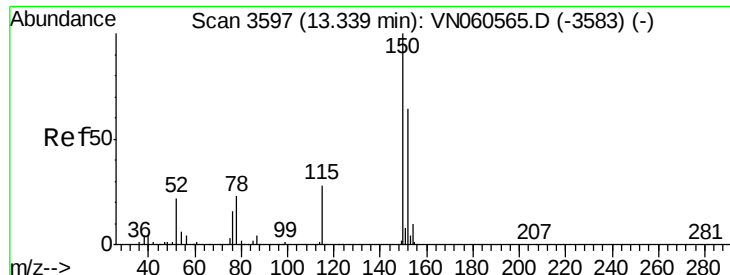
Tot Ion: 95 Resp: 109588
Ion Ratio Lower Upper
95 100
174 75.6 0.0 157.6
176 73.7 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VN060921.D
Acq: 14 Apr 2020 00:21

Tgt Ion: 117 Resp: 223088
Ion Ratio Lower Upper
117 100
82 57.6 46.7 70.1
119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN060921.D

Acq: 14 Apr 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-A

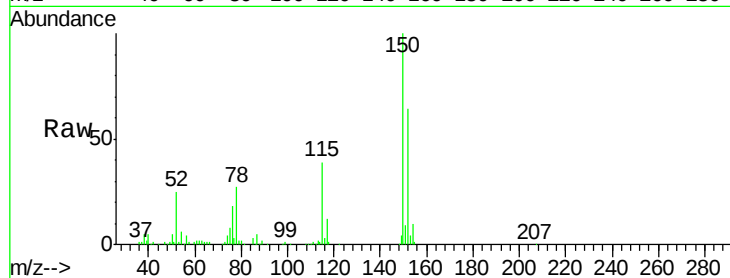
Tot Ion:152 Resp: 98087

Ion Ratio Lower Upper

152 100

115 60.7 30.2 90.6

150 155.3 0.0 350.2



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

